MSDI Structures Framework Meeting
Minutes

February 10, 2011
1:30 – 2:30pm

In attendance:

- Mike Sweet, Dylan Berg, Mindy Cochran, Nate Holm, Lance Clampitt, Annette Cabrera, Janelle Luppen, Duane Lund, Jens Bolstad, Meghan Burns, Craig Jones, Stu Kirkpatrick, Gerry Daumiller, Josh Dorris, Robin Trenbeath, Erin Geraghty, Ken Wall, Michael Fashoway

Framework status update

- Explained current status and data sources of statewide structures layer
- Question about number of MOUs and a suggestion to put a map of MOUs on our website. Map might provide incentive for other local governments to sign MOUs

Comments/suggestions from stakeholders

- Comment about discrepancies in the total number of "households" per county between analysis of data used in the Broadband mapping and the Structures Framework. This might be partially due to misclassification of dwellings by BMSC interns and/or DOR CAMA data
- Discussion of how local governments maintain structures, i.e. how do local governments know that a structure has been build after the address point is assigned? Ravalli County's system which is tied to building permits was mentioned, as well as using state DLI electrical permits, plumbing permits, septic permits, telephone and cable providers and other sources.
- Question about NTIA Broadband datasets with schools (K-12), libraries, and colleges(?) and how that data compares to data existing in the Structures Framework. That data hasn't been compared at but it would make a good cross reference.
- Comment on cross-referencing (broadband data?) with Structures Framework using the GEOCODE for accuracy/completeness. This might help with QA/QC and/or deciding when it would be necessary to update counties based on DOR CAMA data.
- Comment on how it would be nice to have a validity code for data, as a means to quickly assess the general completeness/accuracy of a point/dataset.

Future goals/enhancements

- Short term – suggestions for 2012 MLIA grant deliverables
    - Data
        - Finish "Places of worship / churches" layer
            - Question of where this data currently exists and how to keep up with changes
                - Current data sources: Structures Framework (existing churches as well as Emergency Shelters), GNIS, Secretary of State, Info USA (SIC/NAIC codes), but no good solution for maintaining changes
        - Finish "Post offices"
        - Finish "County courthouses"
        - Synchronize structures with GNIS_IDs with MSDI Geographic Names Framework

        - Suggestions:
            - Dams (use GNIS, NHD, Army Corp of Engineers, DNRC [working on them right now], FWP as sources)
            - Cell phone towers (Ken Wall will likely be driving roads and identifying them this summer, other possible sources include DOA PSSB, FCC [FCC only has partial coverage or about 1/3?]
            - Wind turbines/farms
    - Other
        - Web viewer for structures (Flex or JavaScript)
            - Suggestion about incorporating functionality to capture crowd-sourced information
        - Begin discussion of structures/address standard or best practice
            - Some interest in this but it would be a difficult task with the number of address providers and E911/emergency dispatch systems. Also, an interest in workflow for structures/address maintenance. This year CIO/GIO will be pursuing a standard for address data that is stored and used by state agencies.
- Long term
    - Start to build ZIP Code layer from all available data (Census, private, local government addresses, DOR address) for use in populating ZIP Code for data that don't have it (this would be an evolving layer). This would improve the soon-to-be released BMSC geocoding service
        - MSDI Administrative Boundaries theme lead has been investigating this as a possible 2012 MLIA grant deliverable. Opportunity to work on it together.

The following agenda items were tabled for a future meeting.

- Other discussion
    - Should non-structure based addresses be included in the Structures Framework? (i.e. address points at the driveway/access point)

Next meeting: likely beginning of April. An announcement will be sent out in March.